

NACHINKIN, O.I.

Structure of polyvinyl alcohol fibers obtained in coagulation
baths of various composition. Khim volok. no.1:39-41 '65.
(MIRA 18:2)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta iskusstvennogo volokna.

NACHINKIN, O.I.; SHUR'YEVA, G.G.; KONSTANTINOVA, G.V.; SEDOV, F.A.;
TROITSKAYA, N.N., master-laborant; DOBROMYSLOVA, M.F., master-
laborant

Use of surface-active agents in the production of "Vinol" fibers.
Khim. volok. no.6:26-28 '65. (MIRA 18:12)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta iskusstvennogo volokna. Submitted June 13, 1964.

NACHINKIN, O.I.

Critical speeds of the flow of viscous fluids from small
diameter orifices. Khim. volok. no.6:33-35 '65.

(MIRA 18:12)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta iskusstvennogo volokna. Submitted February 3, 1965.

L 52:04-65 EWP(j)/EWT(m)/T Pc-4 RM

ACCESSION NR: AP5015274

UR/0286/65/000/009/0052/0052

AUTHOR: Nachinkin, O. I.

TITLE: A method for obtaining fibers based on polyvinyl alcohol. Class 29, No. 170612

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 52

TOPIC TAGS: fiber, polyvinyl, alcohol, lithium compound, polyamine

ABSTRACT: This Author Certificate presents a method for obtaining synthetic fibers based on polyvinyl alcohol. The material is formed from an aqueous solution of polyvinyl alcohol in a settling bath, drawn, washed, dried, heat-treated, and separated. To obtain fibers of high elasticity, the forming of fibers is conducted in a settling bath consisting of aqueous solutions of lithium sulfate and hydroxyethylated polyamines.

ASSOCIATION: Leningradskiy filial vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (Leningrad Branch of the All-Union Scientific Research Institute of Synthetic Fibers)

SUBMITTED: 03Feb64

ENCL: 00

SUB CODE: 00

NO REF SOV: 000

OTHER: 000

Card 1/1 *mb*

ADAMIDZE, D.I., gornyy inzhener; ODMOPOZOV; Z.A.; NACHINKIN, V.V.

Blasting coal with "Hydrox-3" cartridges. Vzryv. delo
no.50/7:189-194 '62. (MIRA 15:9)

1. Institut gornogo dela imeni A.A. Skochinskogo.
(Blasting--Equipment and supplies)
(Coal mines and mining)

NACHINKINA, E.V.

Regional study activity during the student's out-of-school time.
Geog. v shkole 19 no.4:57-59 J1-Ag '56. (MLBA 9:10)
(School excursions)

L 51500-65 EWP(k)/EWT(d)/EWP(h)/EWP(l)/EWP(v) Pf-l/Pg-l/Pk-l/Pl-l/Po-l/Pq-l

IJP(c) BC

ACCESSION NR: AP5013836

UR/0103/65/026/005/0792/0801
62-506.1:519.272

AUTHOR: Nachinkina, G. N. (Moscow); Shnaydman, M. A. (Moscow)

TITLE: Application of a relay correlator for determining the frequency characteristics in self-adjusting systems without automatic scanning performing in the presence of stationary noises

SOURCE: Avtomatika i telemekhanika, v. 26, no. 5, 1965, 792-801

TOPIC TAGS: automatic control, self adjusting system, relay correlator

ABSTRACT: The authors analyze a correlation method for determining real and imaginary frequency characteristics of linear systems in the presence of stationary noise which are used for the synthesis of self-adjusting systems without scanning. A procedure is presented for calculating the relay cross-correlation function between the tentative sinusoidal signal and the output coordinate of the system for delay values $\tau = 0$ and $\tau = \pi/2\omega_0$ (ω_0 is the frequency of the tentative signal), which are used as performance criteria and represent the relation between the variable system parameter and the adjustment parameters. A simplified scheme of a device for calculating cross-correlation functions (the relay correlator) is described, and it

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L 51500-65

ACCESSION NR: AP5013836

accuracy of its performance is analyzed for certain characteristics of noise. It is shown that for a given accuracy in calculating the cross-correlation function, the frequency and the amplitude of the tentative signal as well as the length of the calculation interval can be determined. Orig. art. has: 18 formulas and 7 figures. [LK]

ASSOCIATION: none

SUBMITTED: 27Mar64

ENCL: 00

SUB CODE: 1E

NO REF SOV: 003

OTHER: 002

ATD PRESS: 4017

Card 2/2

NACHINKOV, Aleksandr Dmitriyevich, inzh.; ZHERMUNSKAYA, L.B., inzh., red.;
BELOGURCVA, I.A., tekhn. red.

[Nitriding of titanium and its alloys] Azotirovanie titana i
ego splavov. Leningrad, 1960. 19 p. (Obshchestvo po raspro-
straneniu politicheskikh i nauchnykh znanii RSFSR. Seriya:
Metellovedenie i termicheskaya obrabotka, no.3)

(MIRA 14:5)

(Titanium--Hardening) (Case hardening)

18.7500

18.7500
SOV 18.7500-18.7500

AUTHORS: Smirnov, A. V. (Doctor of Technical Sciences, Professor),
Nachinkov, A. D. (Engineer)

TITLE: Surface Strengthening of Titanium by Methods of Ferrous
Thermal Treatment

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
1960, Nr 3, pp 22-29 (USSR)

ABSTRACT: This is a description of an investigation prompted by
the unsatisfactory wear resistance of titanium and the
necessity of its surface strengthening. The present
work considers the possibilities and the results of
surface strengthening of titanium and contemplates the
future work in this direction. The phase composition
of the strengthened surface; oxidation of titanium;
nitriding of titanium; case hardening and separation of
titanium; and boron treatment of titanium were studied
and described. The work of G. A. Meyerson and V. P.
Smirnov was mentioned. The authors arrived at the
following conclusions: (1) The industrial

Card 1/3

Surface Strengthening of Titanium by
Methods of Chemical-Thermal Treatment

TS147
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strengthening of the surface of titanium and its alloys by the methods of chemical-thermal treatment at the present time has not as yet been developed. (1) Nitriding by pure or thinned nitrogen is developed to a higher degree than other processes. Nitriding in ammonia does not have any advantages over nitriding in nitrogen; it takes place with a simultaneous absorption of hydrogen by metal. (2) Case hardening can be done with application of coal powder (granite 100) in vacuum or in an atmosphere of argon, with a predetermined amount of propane or methane. With this only a thin layer of carbide TiC (1-5 microns) can be formed. It should be kept in mind that hydrogen is liberated during decomposition of hydrocarbons and is absorbed by the metal. (3) During boron treatment as well as during case hardening, a good protection of the layer of boron-titanium is observed at the thickness of about 10 microns. There are 6 figures; 4 tables; and 25 references; 12 Soviet, 10 U.S.S.R. literature.

Card 2/3

Surface Strengthening of Titanium by
Methods of Chemical-Thermal Treatment

1954
SOVETSKAYA ARMIYA

The most recent U.S. and U.K. references are: Leaning
G. A., Graighead, C. M., Jaffe, R. I., Journal of
Metals, 6, 1954; Watt, J., Grant, N., TASM, 46, 1954;
Iron Age, 173, 1954; Hausen, R., Metal Progress, 15,
1954; Wasilewski, R. I., Kehl, Metallurgiya, 50, 1954;
Wasilewski, R. I., Kehl, G. L., Journal Inst. Metal.
83, 1954.

Card 3/3

Nachinkov, A. D.

81823

S/129/60/000/07/009/013
E193/E235

AUTHORS: Smirnov, A. V., Doctor of Technical Sciences, Professor,
and Nachinkov, A. D., Engineer

TITLE: Nitriding of Titanium at a Reduced Partial Nitrogen
Pressure

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
1960, No. 7, pp. 42-47

TEXT: Following the findings of their previous investigation (Ref.1), the present authors carried out a series of experiments in which nitrogen, diluted with argon, was used as the nitriding medium. The object of the investigation was to study the effect of the partial pressure of nitrogen, time of treatment, and the alloying additions on the depth and constitution of the nitrided case. The following conclusions were reached: (1) Nitriding in a nitrogen-argon mixture with a low partial pressure of nitrogen, makes it possible to obtain a diffusion layer without the formation of a surface nitride film. Under these conditions it is possible to increase the depth of diffusion of nitrogen, which cannot be done when pure nitrogen is employed because then a surface nitride film is formed which acts as

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S/129/60/000/07/009/013
E193/E235

Nitriding of Titanium at a Reduced Partial Nitrogen Pressure

a diffusion barrier. (2) Nitriding takes place by the mechanism of reactive diffusion; in every case TiN and TiN_x are formed, which subsequently dissolve in titanium, forming a solid solution of nitrogen in α -titanium. (3) When the partial pressure of nitrogen is equal, or less than 0.005 atmospheres, with the time and temperature of the treatment not exceeding 24 h and $800^{\circ}C$, respectively, no formation of a stable nitride film takes place. The formation of a stable nitride film can be still avoided, even when longer treatment is employed, or when the partial pressure of nitrogen is increased (up to 0.01 atmosphere) if the supply of nitrogen is periodically cut off or reduced. (4) In the absence of a surface nitride film, the hardness of the nitrided layer is more uniform and the nitrided parts can undergo finishing operations. (5) Addition of aluminium to titanium increases the depth of nitrided layer, silicon, tin, and manganese having the opposite effect. There are 9 figures, 2 tables and 4 references: 3 Soviet and 1 English.

Card 2/2

25410

3/13/60-02/12/11/018
A12-A13

11900

AUTHORS

Shcherba, Y. I., Candidate of Technical Sciences, Doctor of Engineering
and A. D. Kuznetsov, V. I. Engineers

TITLE

An investigation of titanium alloys surface finishing

PERIODICAL

Vestnik mashinostroyeniya, no. 10, 1960, 66-67

TEXT

Experimental results with turning and rail burnishing of three titanium alloys - BT6 (VT6), BT8 (VT8) and Ti-1 are presented. The machinability of titanium was compared with "40" steel, Al (D1) duralumin, and AMT (AM) aluminum alloy. The chemical composition of the three titanium alloys is given (Table 1)

		Chemical composition, %				Impurities, %						
		Fe	Al	C	Mn	Si	S	P	As	Bi	N	W
VT6	Base	0.13	4.1	-	-	-	21	0.1	0.03	0.14	0.01	0.03
VT8	"	0.1	-	-	0.30	-	25	0.15	0.05	0.1	0.01	0.04
Ti-1	"	0.2	2.9	-	-	0.13	0.3	0.1	0.05	0.1	0.01	0.03

Card 1/2

NACHINKOV, A. D., CAND TECH SCI, NITRIDING OF TITANIUM
AND ITS ALLOYS UNDER LOWERED PARTIAL PRESSURE OF NITROGEN."
LENINGRAD, PRINTING HOUSE OF LIAP 1961
~~1961~~ (KL-DV, 11-61, 221).

-169-

SMIRNOV, Aleksandr Vasil'yevich; BELORUCHEV, Lev Vladimirovich;
KAPLUN, Ruvim Iosifovich; MORSHEYN, Isaak Mikhaylovich;
TSUKANOV, Vladimir Andreyevich; NACHINKOV, A.D., red.

[Nitriding passivating steels with the use of carbon tetra-
chloride] Azotirovanie passiviruiushchikhsia stalei s prime-
neniem chetyrekhkhlorigo ugleroda. Leningrad, 1964. 20 p.
(Leningradskii dom nauchno-tekhnikheskoi propagandy. Ferodo-
voi proizvodstvennyi opyt. Seriya: Metallovedenie i termiche-
skaia obrabotka, no.3) (MIRA 17:7)

I.
NACHKEBIYA, G., kandidat tekhnicheskikh nauk.

Protecting the trolley network from short-circuit currents
by using operative alternating currents. Zhil.-kon.khos.
6 no.7:12-13 '56. (MLRA 10:2)

(Electric currents, Alternating)
(Electric current collectors)

NACHKEBIYA, G.I.

Protecting the overhead line of a double-track electrified railway section from short circuits. Soob. AN Gruz.SSR 18 no.3:337-340
Mr '57. (MLRA 10:7)

1. Tbilisskiy institut inzhenerov zheleznodorozhnogo transporta imeni V.I. Lenina. Predstavleno akademikom K.S. Zavriyevym.
(Electric railroads) (Short circuits)

PAPAZ'YAN, D.S., kand.med.nauk; NACHKEBIYA, M.V.

Treatment of pyoseptic diseases by intramuscular introduction of
biomycin. Sbor. trud. Med. nauch. ob-vo Abkh. 2:51-54 '59.
(MIRA 14:10)

1. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR
(direktor - kand.biologicheskikh nauk I.A.Utkin), i Sukhumskey
zheleznodorozhnoy bol'nitsy (glavnyy vrach T.I.Chanturiya).
(AUREOMYCIN)

NACHKEBIYA, N.V

Def. at
Tbilisi State U.

1900. *Воспоминания о жизни и деятельности* 1904
- 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836,

**Dissertation for Degree of
Candidate Geographical Sciences**

NACHKBEIYA, N. V.

General features of the development and distribution of
the economy of Racha-Lechkhumi. Trudy Inst. geoz. AN Gruz.
SSR 15:3-20 '61.

Interregional differences of Racha-Lechkhumi. 189-203
(MIRA 16:11)

NACHKEPIYA, M.Ye.; CHKONIYA, E.A.

New nonsurgical method for treating constriction of the lacrimal ducts. Vest.oft. 69 no.6:33-34 N-D '56. (MIRA 10:2)

1. Iz glaznoy kliniki (zav. - prof. N.G.Khramelashvili) Tbilisskogo instituta usovershenstvovaniya vrachey.
(LACRYMAL ORGANS—DISEASES)

NACHKEPIYA, M.Ye.

Changes in intraocular pressure in adolescents in connection
with long-term gymnastics training. Soob. AN Gruz. SSR 21 no.5:
607-610 N '58. (MIRA 12:5)

1. Tbilisskiy gosudarstvennyy institut usovershenstvovaniya
vrachey. Predstavleno akademikom K.D. Bristavi.
(EYE) (EXERCISE THERAPY)

NACHKEPIYA, M.Ya.

Changes in ocular pressure in adolescents as effected by controlled exercise and prolonged training in gymnastics. Soob.AN Gruz.SSR 24 no.4:493-500 Ap '60. (MIRA 13:7)

1..Tbilisskiy gosudarstvennyy institut usovershenstvovaniya vrachey. Predstavleno akademikom K.D.Eristavi.
(INTRAOCULAR PRESSURE)
(EXERCISE)

NACHKEPIYA, M. Ye.

Cand Med Sci - (diss) "Changes in intra-ocular pressure and the field of vision in teen-age youth [podrostki] under the influence of prolonged training in sport gymnastics." Tbilisi, 1961. 18 pp; (Tbilisi State Medical Inst); 160 copies; price: free; (KL, 5-61 sup, 204)

BERADZE, N.I., dotsent; CHKONIYA, E.A., dotsent; NACHKEEPIYA, M.Ye.

Toxoplasmosis of the eye. Shor. nauch. trud. SOGMI no.14.
190-193 '63. (MIRA 18.9)

1. Kafedra glaznykh bolezney Tbilisskogo gosudarstvennogo
instituta usovershenstvovaniya vrachey.

IONATAMISHVILI, T.V.; NACHKEBIYA, T.S.

Process of sorption of nickel and cobalt cations by am. c-exchanges
resins. Soob. AN Gruz. SSR 12 no.3:50-51-62 Mr 1964. (MIRA 12:5)

1. Institut prikladnoy khimii i elektrokhimii AN GruzSSR, Submitted
May 27, 1964.

NECHKUBIYA, Ts.S.

**Kinetics of sorption of nickel and cobalt cations by the 100-100
anion exchanger.** Soob. AN Gruz. SSR 40 no.1:97-104 Q '65.

(MIRA 18:12)

1. Institut prikladnoy khimii i elektrokhemii, AN Gruzinskoy SSR,
Tbilisi. Submitted May 28, 1965.

NACHKOV, D.

Metabolism of the carbohydrates in the cerebral tissue of chick embryos infected with "H" virus. D. Nachkov (Inst. Immunol., Sofia, Bulgaria). *Congr. intern. biochim., Résumés communs., 3^e Congr., Brussels 1955*, 121 (in French).—Data are made on cerebral tissue of normal embryos, and those infected with "H" virus. Infected tissue shows numerous changes in carbohydrate metabolism. The concn. of glycogen is increased, since its phosphorolytic decompn. is diminished, while the amts. of glucose-1- and glucose-6-phosphoric acids are diminished. Aldolase activity is not changed, and the amts. of fructose-1,6-diphosphoric acid remain the same. Formation of phosphotriosephoric acid remains normal, but their conversion to other compounds is retarded, so that the amts. increase. This results from insufficient formation of diphosphopyridine nucleotide and flavine nucleotide owing to diminished pyrophosphatase activity. The amts. of pyruvic and phosphopyruvic acids are strongly diminished, as a result of lessened decompn. of triose phosphates. The amt. of lactic acid is strongly increased. Ribonuclease activity is not changed, but deoxyribonuclease is increased.

W. C. Tobie

NACHKOV, D.; NACHKOVA, O.

Appearance and development of the complement-fixing antigen
Newcastle disease virus. Dokl. Bolg. akad. nauk 16 no.3:337-340
'63.

1. Note presentee par A. Hadjiolov.
(NEWCASTLE DISEASE VIRUS)
(TISSUE CULTURE) (ANTIGENS)

MAKHAY, G.

"Impressions of the irrigation in Italy."

.. 60. (Vidnotekhnika i Melioratsii, Vol. 3, No. 3, 1953, Sofia, Bulgaria)

Monthly Index of East European Newsitems (MIE) 10, Vol. 7, No. 12, Dec 58

NACHKOV, Georgi, inz.

Protection of crops against frost. Khidrotekhnika i melioratsiya
no.4:98-101 '63.

NACHKOV, Georgi, inzh.

Ten years of the Institute of Hydraulic Engineering and Development. Khidrotekh i melior 9 no.1:1-2 '64

Some problems in designing and constructing pipe networks for stationary sprinkling systems. Ibid.:2-4

1. Direktor na Instituta po khidrotekhnika i melioratsii.

NACHKOV, Georgiy, inzh.

State of and prospects for the development of irrigation in
Bulgaria. Gidr. i mel. 17 no.8:51-55 Ag '65. (MIRA 18:10)

1. Direktor Instituta gidrotekhniki i melioratsii, Sofiya.

NACHKOV, V.

Concerning the Utilization of Light Veneers of Local Origin in Furniture
Production for Mass Consumption. Leka Promishlenost (Light Industry),
#11:28:Nov. 1955

NACHMAN, A.

Electric conductivity of semiconductors. p. 42.

ELEKTROTEHNICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industrii Electrotehnice)
Bucuresti, Romania. Vol. 7, no. 2, Feb. 1959.

Monthly list of East European Accessions (serial) 10, Vol. 7, no. 2, July 1959.

Uncl.

NACHMAN, M.

SCIENCE

Periodicals: STUDII SE CERCETARI DE FIZICA. Vol. 6, no. 2, Apr./June 1955

NACHMAN, M. Induction method for measurement of the intensity of a magnetic field. p. 293.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

NACHMAN, M.; CIORASCU, F.; ONCESCU, M.

Electric resistance of thin layers of lead. p. 481. Academia Republicii
Populare Romine. Institutul de Fizica. STUDII SI CERCETARI DE FIZICA.
Bucuresti. Vol. 6, no. 3, July/Sept. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

NACHMAN, M.

SCIENCE

Periodicals: STUDII SI CERCETARI DE FIZICA. Vol. 6, no. 2, Apr./June 1955

NACHMAN, M. Evaporation of metals at known temperatures. p. 376

Monthly List of East European Accessions (EEAI) LC, Vol. 8, N. 2,
February 1959, Unclass.

NACHMAN, M.

Rumania/Physical Chemistry - Crystals, B-5

Abat Journal: Referat Zhur - Khimiya, No 19, 1956, 60937

Author: Ciorascu, F., Nachman, M., Oncescu, M.

Institution: None

Title: Electric Resistance of Thin Layers of Lead

Original

Periodical: Rezistenta electrica a paturilor subtiri de plumb. Studii si cercetari fiz., 1955, 6, No 3, 481-506; Rumanian; Russian ~~and~~ French resumés

Abstract: Under conditions excluding the influence of adsorbed gases were investigated the temperature and time dependencies of the resistance R of Pb layers having a thickness d of 10-1,000 Å, sublimated onto a backing at 77.4° and 293° K. Results. 1. Layers $d < 50$ Å sublimated at 77.4° K are continuous and have an amorphous or quasiamorphous structure. They are most stable up to a certain temperature, their temperature coefficient of resistance $\alpha < 0$. Layers of $d > 50$ Å have metallic properties. 2. Layers sublimated

Card 1/2

Rumania/Physical Chemistry - Crystals, B-5

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 60937

Abstract: at 293° have granular structure (the continuous layer which is sometimes formed at first is entirely unstable). Metallic properties appear in layers of $d > 200$. 3. Layers of $d < 50$ Å sublimated at 77.4° K and heated to 293° K become granular. 4. Drop in R with time in layers of $d < 50$ Å. Sublimated at 77.4° K is due to adsorption of gas and not to change in structure. 5. Increase in R with time in layers of $d < 50$ Å. Sublimated at 293° K is due to occurrence of granulation. Reproducible results are obtained only with $p < 10^{-7}$ mm kg and careful degassing.

Card 2/2

NACHMAN, M.
RUMANIA/Electricity - Conductors

G-4

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 122⁴²

Author : Ciorascu, F., Deneny, A., Nachman, M., Oncescu, M.

Inst : -

Title : Change in Specific Resistivity of Thin Films of Lead at a Function of Their Thickness.

Orig Pub : Studii si cercetari fiz., 1956, 7, No 1, 25-35

Abstract : A study was made of the dependence of the specific resistivity ρ on the thickness x of thin films of lead, obtained by evaporation and coating on a quartz plate, and also the influence of the temperature and of the state of the substrate on the dependence $\rho(x)$. The measurements were carried out at pressures of approximately 5×10^{-8} mm mercury, using well degassed substrates. The following results were obtained: (1) ρ diminishes with variation of x up to a certain definite value of x , at which one observes a sharp decrease in ρ , and this behavior of the

Card 1/2

NACHMAN, M.

Resistivity of thin tin layers. P. Curăscu, M. Nachman, and M. Onicescu. *Rev. Phys., Acad. rep. populare România* 3, 107-118 (1958) (in English).—The resistivity and elec. resistance of thin Sn layers were detd. for deposition temps. of 77 and 293°K. The equiv. thickness as a function of Sn evapn. temp. was tabulated. Graphs were presented for the resistivity and relative resistivity (with respect to the bulk Sn) as a function of equiv. thickness, for supports of different degrees of coating; at the 2 position temps. A measureable cond. was found for thinner layers at the lower deposition temp. The differences were attributed to the hindrance of granule formation at the lower deposition temp. B. Musajin

2-11
1/1

counters filled with nitrogen are sensitive to thermal neutrons thanks to the reaction $N^{14} (n, p) C^{14}$.

Card 1/2

RUMANIA/Nuclear Physics - Installations and Instruments
Methods of Measurements and Research

C

Abs Jour : Ref Zhur Fizika, No 10, 1959, 21895

Author : Nachman, M., Schachter, L., Totia, H.

Inst : ~~-----~~

Title : Use of Spark Counters for Registration of Fast Neutrons

Orig. Pub : Studii si cercetati fiz. Acad. RFR, 1958, 9, No 4, 497-504

Abstract : An experimental investigation was made of the possibility of using spark counters for the registration of fast neutrons. Several spark counters with one or several anodes were constructed, filled with air, oxygen, or nitrogen at atmospheric pressure. When the counters are filled with air or hydrogen, the neutrons are registered by their recoil nuclei (or the products of the nuclear reaction). Counters filled with nitrogen are sensitive to thermal neutrons thanks to the reaction $N^{14}(n, p)C^{14}$.

Card 1/2

RUMANIA/Nuclear Physics - Installations and Instruments.
Methods of Measurements and Research

C

Abs Jour : Ref Zhur Fizika, No 10, 1959, 21895

The construction is described and the working characteristics of the counters are given.

Card 2/2

- 4 -

5

7 The reflection coefficient of a Cu-Sn alloy, obtained by simultaneous evaporation of its constituents. L. Gergorits and M. Nachman. Acad. rep. populars Romina, (1960). — The reflection coeff., in normal incidence, of Cu-Sn alloy films (1000 Å. thick) deposited on glass plates, at room temp. by simultaneous evapn. *in vacuo* was studied, and the resulting minima were proved to correspond to the intermetallic compds. of the Cu-Sn system. It was found that all alloy phases corresponding to the room temp. (Cu_3Sn and Cu_5Sn) are formed, with the exception of the ϵ -phase (Cu_2Sn), which appears after thermal treatment. The method employed enables the deta. of the alloy optical properties under reproducible conditions, with a continuous passage from one compn. to the other. M. Ben El-Mechaie

NACHMAN, Manfred; COMSA, Gerda

On the applicability of the Thomson-Fuchs formula to the thin
layers of mercury. Studii cerc fiz 11 no.3:784-788 '60. (EAT 10:2)

1. Institutul de constructii Bucuresti.
(Mercury) (Electric conductivity) (Quantum mechanics)

S/081/62/000/017/022/102
B166/B180

AUTHORS: Nachman, M., Glanz, G., Ribco, L.

TITLE: Oxidation of silver induced by nuclear radiation

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 66, abstract
179451 (Rev. phys. Acad, RPR, 1961, v. 6, no. 3, 1961, 403-409
[Eng.])

TEXT: The process studied was the oxidation of Ag foil and wire by gaseous O_2 under radiation from a reactor. The weight increase of the specimens was measured and photomicrographs of the surface were studied. It was found that, at $50^\circ C$, when only a monomolecular layer of oxide forms on the surface in the absence of irradiation, Ag oxidation does take place with radiation, and moreover, the oxidation rate apparently increases with the dose. The oxidation is induced by the action of γ -pile radiation which gives rise to the formation of negative ions O^- and O_2^- in the O_2 , which oxidize the Ag. [Abstracter's note: Complete translation.]

Card 1/1

NACHMANN, R.

RUMANIA/Human and Animal Physiology - Liver.

R-7

Abs Jour : Referat Zhur - Biol., No 16, 1957, 70887

Author : Nachmann, R., Popescu, Gr.

Title : Biochemical Basis on Lipotropic Treatment of Parenchymatous Injury of the Liver.

Orig Pub : Viata med., 1956, 3, No 5, 82-94

Abstract : Phospholipid synthesis in the liver, facilitating the dissolution of fats and their utilization in the tissues, prevents excessive accumulation of fats in the liver. Chemical compounds facilitating the formation of choline for the phosphatid synthesis act as lipotropic factors: choline, betaine, methionine, inositol, phytol, Vitamin B₁₂. A detailed description of these substances is given. The most important lipotropic substances appear to be cholesterine and cystine. Authors emphasize the significance of the absence of lipotropic and excess of antilipotropic substances in food.

Card 1/1

- 40 -

POPESCU, I. Gr.; NACHMAN, R.; ZAMFIRESCU-GHEORGHIU, M.

Study of milk diarrhea in ulcerous disease. Probl. ter., Bucur. 8:93-100
1957.

(PEPTIC ULCER, therapy

milk, causing diarrhea)

(DIARRHEA, etiol. & pathogen.

milk ther. of peptic ulcer)

VISINEANU, N.dr.; CARP, C., dr. ; POPESCU, Gr. I., dr.; NACHMAN, R., Dr.

On several current problems in myocardial infarct (based on 37 cases). Med. intern., Bucur. 11 no.5:711-718 '60.

1. Lucrare efectuata in Clinica a II-a medicala, Spitalul "I. C. Frimu", Bucuresti.
(MYOCARDIAL INFARCT)

NACHMINOVICH, I. M.

USSR / Pharmacology, Toxicology. General Problems.

U-1

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7899

Author : Nachminovich, I.M.

Inst :

Title : Corneal Permeability and the Paths for Penetration of Drugs
into the Eye.

Orig Pub : Vestn. Oftal'mologii, 1956, No 4, 3-9

Abstract : No abstract.

Card : 1/1

НАЧНО-ЗК/А

GGT, 181.21 U/L;

69. Is it necessary to use carburized gas flame for heating the open hearth SM-furnace? by A. Nuelwecky. ("Bányászati és Kohászati Lapok" -- Hungarian Journal of Mining and Metallurgy -- Vol. V (LXXXIII), No. 6 pp. 366-374, June, 1950).

Though according to general belief the application of a carburized gas flame is absolutely necessary for smelting steel, this statement is now open to re-examination after the successful steel smelting test made with a colourless flame in one of our Siemens-Martin plants. There are additional data available on experiments conducted in foreign plants with colourless flames. The obvious contradictions may be explained by the fact that, on the one hand, carburization and the high burning temperature produced by the rapid burning originating from a good mixing on the other hand, are of equal value. The role of burners. The effect of the quality of the gas and preheating on burning temperatures of the different types of gas, the efficiency of the furnace with the use of different gases and their relative heating capacity are dealt with. The increase in output is shown in the function of higher calorific power. Specific values of various gases. Shortcomings of heating with mixed gases, suggestions for their elimination.

tion are indicated. Trend of development is the utilization of gases with high calorific value, which may be fed into the furnace cold, thus dispensing with the use of gas regenerators. Carburation with heavy hydrocarbon gases and "oxygas" is envisaged as the fuel of the future. Oxygas faces a competitor in blast furnace gas if the latter is burned with air enriched by oxygen. The trend of development in Hungarian iron works.

NACHOLINSKI, M., mgr inż.

Central heating installations in Paris. Energetyka Pol 17
no.2:56-58 F '63.

MAH 116-111, 111

Rumania/Pharmacology. Toxicology. Hormones.

V-8

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28203.

Author : Buligescu L., Nachtigal M.

Inst : Not given.

Title : Adrenocorticotropic Hormone and Cortisone in the
Therapy of Blood Diseases.

Orig Pub : Med. interna, 1957, 9, No 6, 895-905.

Abstract : No abstract.

Card 1/1

ADERCA, I.; IANCONESCU, M.; NACHTIGAL, M.

Obtaining human embryonal cell cultures by the trypsinization method. Stud. cercet inframicrobiol., Bucur. 10 no. 2: 187-191 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 15 decembrie 1958.

(TRYPSIN)

(TISSUE CULTURE)

COSTAKEL, O.; FADEI, L.; NACHTIGAL, M.

Screening test for cytotoxic agents on tumor primary cell cultures.
Neoplasma 10 no.6:565-569 '63.

1. Institute of Oncology, Bucearest, Roumania

ADERCA, I.; IFTIMOVICH, Magda; NACHTIGAL, M.; CHELERTER, Luigina

Attempts to obtain several cellular strains in vitro. II. Study of strain C-1 EU (human placental chorion). Studii cercet. in-framicrobiol. 15 no.6.529-542 '64.

RUMANIA

576.8.093.35

ADERCA, I., IMTIROVICI, Magdalena, GHELEERTAR, Luigina, and
NACHTIGAL, R., of the Institute of Inframicrobiology (Institutul
de Inframicrobiologie) of the Academy of the Socialist Republic
of Rumania (al Academiei Republicii Socialiste Romania).

"Properties of the R-1CA Cellular Line Obtained from Cerconi-
thecus aethiops Kidney Cells Cultivated in vitro."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17,
No 6, 66, pp 443-449.

Abstract: From a primary culture of Cercopithecus aethiops kidney
cells the authors were able to obtain a culture capable of being
transplanted in series (60 passages in the course of 11 months).
The culture did not show any changes of a morphologic or genetic
nature, nor did it change with respect to viral susceptibility;
it was susceptible to virus SV₄₀ and other human viruses. The
peculiarity of this culture, which shows the character of both
a strain and a cellular line, is discussed.

Includes one table, four figures and 17 references, of which
5 Rumanian and 12 English-language. -- Manuscript submitted 24
July 1966.

1/1

NACHTIKAL, FRANTISEK

Nachtikal, Frantisek Technicka fysika. Praha, Statni pedagogicke nakl., 1952 776 p.
(Ucebni texty vysokych skol) (Technical physics. Name and subject indexes, diagrs.)

SO: Monthly List of East European Accessions, L C., Vol. 3, No. 1, Jan. 1954, Uncl.

GARNUSZEWSKI, Zbigniew; NACHTMAN, Barbara

Cadmium test as a method of verification of compensatory states
in patients with pulmonary tuberculosis. Gruzlica 27 no.5:397-404
My '59.

1. Z Kliniki Ftyzjatrycznej Pomorskiej A.M. w Szczecinie. Kierow-
nik: doc.dr Z. Garnuszeowski.

(TUBERCULOSIS PULMONARY physiol.)

(LIVER FUNCTION TESTS)

GARNUSZEWSKI, Zbigniew; NACHTMAN, Barbara

Large lymphocytes in peripheral blood as a functional index in
pulmonary tuberculosis. Gruzlica 27 no.10: 1019-1022 0 '59.

1. Z Kliniki Płytycznej P.A.M. w Szczecinie. Kierownik: doc.
dr. Z. Garnuszeński.

(TUBERCULOSIS PULMONARY blood)
(LYMPHOCYTES)

LAN, Jiri; NACHTMAN, Karel

Experimental automatic telephone operation on the line Benesov -
Praha. Cs spoje 7 no.8:18-19 Ag '62.

1. Stredoceska krajska sprava spoju.

LAN, Jiri; NACHTMAN, Karel

Development of the telephone service in the Chinese capital
Peking. Cs spoje 7 no.9:30 S '62.

NACHTMAN, J. [REDACTED]

TECHNOLOGY

Periodicals: PROCEEDINGS Vol. 7, no. 2, Feb. 1959

NACHTMAN, J.; HUMPHILA, H. Control of moisture of floors by measurement of electric resistance. p. 94.

Monthly List of East European Accessions (EMEA) Vol. 9, no. 5
May 1959, unclass.

NACHTMANN, Ludek

Czechoslovak Standard 13 1140 on Hot Water Piping; engineering
part. Normalizace 11 no.5:151-152 My '63.

1. Potrubí, n.p., Praha.

STES OCHOVAIA

BRABINEK, M., MD; NACHTMADEROVA, L., MD.

Children's Bath Clinic for Diseases of the Liver and Digestive Tract (Detska lazenska lecebna pro choroby jaterni a travicneho ustroji), Karlovy Vary (for both)

Prague, Prakticky lekar, No 17, 1968, p. 658-659

"Ulcer Ailments in Children."

RUMANIA/Human and Animal Morphology (Normal and Pathological)
Nervous System

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31169

Author : Vuzites A., Goorgescu C., Iliescu C., Munteanu Fl., Nachtygel M.

Inst : Not Given

Title : Angio- and Glioarchitectonics of the Optic Area of the
Hypothalamus.

Orig Pub : Vista med., 1956, 3, No 6, 81-82

Abstract : Investigations were conducted on corpses of children. In the visual chiasm, specific oligodendroglia for the given area predominates; it differs from the glia of the visual tract. Arterial and venous vessels penetrate it radially, both in the area of the chiasm and in neighboring areas (the bridge, brain stem, hypothalamus). In the chiasm, the capillary network is weakly developed and large veins predominate.

Cord : 1/1

NACHUCHENKO, S.F.

Prepare in due time for the transportation of agricultural products.
Zhel. dor. transp. 45 no.5:8-12 My '63. (MIRA 15:10)

1. Zamestitel' ministra putey soobshcheniya SSSR.

NACHUCHENKO, S.F.

Important problems in the high-efficiency utilization of the
rolling stock on lengthened haul distances. Zhel. dor. transp.
45 no.6:5-10 Je '63. (MIRA 16:7)

1. Zamestitel' ministra putey soobshcheniya SSSR.
(Railroads--Management)

NACHUCHENKO, S.F.

New crops and tasks of railroaders. Zhel. dor. transp.
47 no.6:3-8 Je '65. (MIRA 18:6)

1. Zamestitel' ministra putey soobshcheniya SSSR.

V. N. N. CH, B.K.; KUBENOV, A.T., NAGYVIZ, V.P.

Ultrasonic testing of 30Kh3SNi steel over a porous surface.
Defektoskopiia no. 5:84 '65 (1965) (3:1)

1. Matousovskiy metallurgicheskii zavod i Chelnybaskiy
politehnicheskii institut.

NACHYLLO, M.

"Rewinding asynchronous electric motors."

p. 322 (Wiadomosci Elektrotechniczne) Vol. 17, no. 12, Dec. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

NACHY110, Marian, mgr inz.

An exhibition of Hungarian-made electric appliances and equipment.
Wlad elektrotechn 18 no.1:13 Ja '58.

NACHYLLO, M.

"Calculation of motors using direct current."

p. 21 (Wiadomosci Elektrotechniczne) Vol. 18, no. 1, Jan. 1958
Warsaw, Poland

30: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

GALAZKA, Jerzy, mgr inż., NACHYLL, Marion, mgr inż.

Level of radioelectric disturbances of appliances of class
1 and 2. Wiad. elektrotech. 32 no.3, '6, '77. 162.

NACI, F.

NACI, F. Placing fodder in silos at the agricultural cooperative in Korce. p.15.

Vol. 9, no. 8, August 1955 Tirane, Albania PER BUSHKESHE SOCIALISTE

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10, Oct. 1950

LORKIEWICZ, Zbigniew; MACIAZEK, Krystyna; NACKIEWICZ, Zdzislawa

The influence of acriflavine on transfer of the colicinogenic factor. Acta microbiol. Pol. 13 no.4:273-281 '64

1. From the Department of General Microbiology, M. Curie Sklodowska University, Lublin, Poland.

TISZAI, Aladar, Dr.; SZUCS, Zsuzsanna, Dr.; NACSA, Mihaly, technikai segedletevel.

~~ECG~~ changes induced by BZ 55. Orv. hetil. 99 no.28:954-957 13 July 58.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Hetenyi Geza dr. egyet. tanár) közleménye.

(ANTIDIABETICS, eff.

carbutamide on ECG in normal & diabetic man & dogs (Hun))

(ELECTROCARDIOGRAPHY, eff. of drugs on

carbutamide in normal & diabetic man & dogs (Hun))

TISZAI, Aladar, dr.; SZUCS, Zsuzsanna, dr.; CSAPO, Gabor, dr.; NACSA,
Mihaly, technical segedletevel

Effect of the cen ral nervous system on electrocardiographic
changes produced by BZ 55. Magy.belorv.arch.13 no.5:135-139 0' 60.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klini-
kájának (Igazgató: Dr. Julesz Miklos egyetemi tanár) közleménye.
(CARBUTAMIDE pharmacol)
(ELECTROCARDIOGRAPHY pharmacol)
(CENTRAL NERVOUS SYSTEM physiol)

VICZIAN, Bruno, dr., fomernok; NACSA, Zoltan, foenergetikus.

Boiler transfer at the Mezohegyes Sugar Factory. Cukor 11
no.3:54-59 Mr*58

NACSA, Sultan, onleves gapes. ernok

Boiler tube corrosion. Duxor 1, nr.7:197-202 51 4-1.

NACSA, Zoltan, okleveles gépészmernok

New pressure-reducing valves at the Mezőhegyes Sugar Factory. Cukor
13 no.10:282-284 0 '60.

NACSA, Zoltan; TISZAVARY, Otto, dr.

The J. VII.M. diffusion in the Mezohegyes Sugar Factory. Cukor
16 no.9:266-271 S '63.

HORVATH, P.; MACSADI, B.

Recording of the ~~galvano-cutaneous~~ reflex by means of polarography.
Rev. igiena microb. epidem., Bucur. no.4:57-60 Oct-Dec 54.

(REFLEX, PSYCHOGALVANIC
polarographical method of recording)
(POLAROGRAPHY
in recording of psychogalvanic reflex)

Nacsadi, B.

RUMANIA / Human and Animal Physiology (Normal and Pathological). Nervous System. General Problems

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97848

Author : Barbu, Z., Bors, M., Horvath, P., Nacsadi, B.
Charap, Gh., Alexa, M.

Inst : Not given

Title " On Cutaneo-Galvanic Reflex in Tuberculosis

Orig Pub: Rev. med. (RPR), 1955, 1, No 3, 35-40

Abstract: No abstract.

Card 1/1

78

NACSADY, Arpad

11.1.1941 tractor A.B.C. Mezogazd techn 4 no.10:22-2. '64.

NACSADY, Arpad

Pictorial tractor A.B.C. Mezogazd techn 4 no.11;22-24 '64.

NACSADY, Arpad

System of machine repair in the Soviet Union. Mezogazd techn
3 no. 8:1-3 '63.

HACSADY, Arpad

Machine storage and maintenance. Mezogazd techn 4 no.1:2'64.

NACSADY, Arpad

Pictorial tractor A.F.C. Mezogazd techn 5 no.4:42-44 '65.

NAGJADY, Arpad

Pictorial tractor A.B.C. Pt.4. Mezogazd techn 5 no.1:44-45
1962.

NACSADY, Arpad

Illustrated tractor A.B.C. Masogazd techn 4 no.12:22-24
'64.

SAVUL, Mircea, prof.; BOTEZ, Cornelia; IONESI, L.; NACU, Al.

Distribution of some elements in the Senonian, Eocene, and Oligocene deposits of the marginal Flysch of the Eastern Carpathians in northern Moldavia; Valea Humorului. Studii chim Iasi 11 no.2: 227-261 '60.

1. Academia Republicii Populare Romine, Filiala Iasi, Institutul de chimie "Petru Poni." 2. Membru corespondent al Academiei Republicii Populare Romine; Comitetul de redactie, "Studii si cercetari stiintifice, chimie" (Academia Republicii Populare Romine, Filiala Iasi) (for Savul).

(Carpathian Mountains) (Minerals)

SAVUL, Mircea, prof.; BOTEZ, Cornelia; NACU, Al.

Copper, zinc and lead as trace elements in the rocks of the zone of marginal flysch in Valea Humorului, Eastern Carpathians. Studii chim Iasi 12 no.1:69-85 '61.

1. Academia R.P.R., Filiala Iasi, Institutul de chimie "P.Poni."
2. Membru corespondent al Academiei R.P.R. si Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Chimie" -Filiala Iasi- (for Savul).

SAVUL, M.; BOTEZ, C.; IONESI, L.; OLARU, D.; NACU, Al.

The rock chemism of the Paleogene Flysch in the Transition facies in the Moldovita Valley, Northern Moldavia, for Co, Ni, Mn, Cu, Pb, Zn elements. Studii cerc geol 7 no.3/4:513-540 '62.

1. Membru corespondent al Academiei R.P.R. (for Savul).

NAGU, H.

TECHNOLOGY

Periodicals: CELULOZA SI PAPIER. Vol. 7, no. 8, Aug. 1958

NAGU, H. Some observations upon the behavior of a sulfite cellulose-coated
plated inside with antiacid steel. p. 325.

Monthly List of East European Accessions (FEAL) LC, Vol. 8, No. 2,
February 1959, Unclass.